

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Masahiro IWADARE

Title: FAST CALCULATION  
APPARATUS FOR CARRYING OUT  
A FORWARD AND AN INVERSE  
TRANSFORM

Appl. No.: Application for reissue of U.S.  
Patent No. 5,218,561, granted  
June 8, 1993

Examiner: To be determined

Art Unit: To be determined

**PRELIMINARY AMENDMENT WITH REISSUE**

Commissioner for Patents  
Box: REISSUE  
Alexandria, Virginia 22313-1450

Sir:

Prior to examination of the present Reissue application on the merits, Applicant respectfully requests that the above-identified prior application be amended as follows:

The amendments presented below are in compliance with the revised amendment format permitted in the Notice from the Office of Patent Legal Administration of the U.S. Patent and Trademark Office dated February 10, 2003, and published at 1267 OG 106 on February 25, 2003. Thus, the provisions of 37 CFR 1.121(a), (b), (c) and (d) are waived for amendments made in this application to the claims, specification, and drawings.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 10 of this document.